



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
PO042219	SAB002-VC	1	1	Net 30	MDELRINR0.750	Delrin Round Bar 0.75" Color: Black : MATERIAL: DELIRIN II 150E OR ACETRON GP ACETAL				64	1/28/2019	64		S149261	Stock	1/29/2019	\$ 2.80 / ft	1		\$179.20	Polymershapes Distribution Canada Inc.	
		2			MDELRINR1.000	Delrin Round Bar 1" Color: Black : MATERIAL: DELIRIN II 150E OR ACETRON GP ACETAL				16		16		S149262	Stock	1/29/2019	\$ 5.20 / ft	1		\$83.20	Polymershapes Distribution Canada Inc.	
Total:										80			80								\$198.38	

Plex 1/30/2019 8:54 AM dart.Tollis Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042219



Supplier: SAB002-VC
Polymershapes Distribution Canada Inc.
1665 55th Avenue
Dorval
QC
H9P 2W3 Canada
Phone: 514 422 1048
Fax: 514 422 1055

PO No: PO042219

PO Date: 1/10/19

Due Date: 1/28/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED
JAN 14 2019

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1 ✓ AT		MDELRINR0.750		Delrin Round Bar 0.75" Color: Black : MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL	Firmed	-	1/28/19	64 pcs	0 pcs	64 pcs	\$2.80/pcs	\$179.20
3 ✓ AT		MDELRINR1.000		Delrin Round Bar 1" Color: Black : MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL	Firmed	-	1/28/19	16 ft	0 ft	16 ft	\$5.20/ft	\$83.20

Grand Total: \$262.40

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/10/19 9:18 AM dart.lavoie.chantal

Chantal Lavoie

From: Olga Kuchyna <okuchyna@polymershapes.com>
Sent: Wednesday, January 09, 2019 3:28 PM
To: Chantal Lavoie
Subject: RE: quote

Hi Chantal,

Acetron GP Black Rod
16 feet 1" dia. X 8 feet @ \$5.20/foot

64 feet .750 dia. X 8 feet @ \$2.80/foot

Lead time: 2 weeks

Thank you,
Olga Kuchyna
Représentante Ventes Internes / Service à la Clientèle

Polymershapes Distribution Canada Inc.
1665 55ième Avenue
Dorval, QC, H9P 2W3

T: 514-422-1048
F: 514-422-1055
E: okuchyna@polymershapes.com
W: www.polymershapes.com **NOUVEAU!!!!**

Polymershapes Montréal est certifié AS9120B:2016, EN9120B:2016, JISQ9120:2016 et ISO9001:2015.



À moins qu'il en soit convenu autrement dans un document signé par les deux parties, toute vente par Polymershapes (« Polymershapes ») est effectuée exclusivement aux termes et conditions de vente standard de Polymershapes, qui peuvent être obtenues sur demande et en ligne à l'adresse www.polymershapes.com. POLYMERSHAPES NE DONNE AUCUNE GARANTIE, EXPRESSE OU IMPLICITE QUANT AUX RÉSULTATS, À L'EFFICACITÉ OU À LA SÉCURITÉ DE L'UTILISATION DE SES PRODUITS POUR TOUTE APPLICATION PAR SES CLIENTS. Aucune disposition du présent document ou de tout autre document, ni aucune recommandation ou aucun conseil verbal, ne sera réputé modifier, faire varier, remplacer ou annuler toute disposition des Conditions Standards de Vente ou de la présente exclusion de responsabilité. Aucun énoncé figurant aux présentes relativement à l'utilisation éventuelle ou suggérée de tout matériau, produit, service ou conception n'a pour but d'accorder, ni ne doit être interprété comme accordant, une licence sur les droits de brevet ou d'autres droits de propriété intellectuelle de Polymershapes ou de l'une de ses filiales ou d'un membre de son groupe couvrant cette utilisation ou cette conception, et ne doit pas être interprété comme une recommandation relative à l'utilisation de ce matériau, produit, service ou conception en violation d'un droit de brevet ou d'un autre droit de propriété intellectuelle.

From: Chantal Lavoie [<mailto:clavoie@dartaero.com>]
Sent: Wednesday, January 9, 2019 1:56 PM
To: Olga Kuchyna <okuchyna@polymershapes.com>
Subject: quote

Good afternoon Olga,
Please advise price and delivery on mat'l.
Color black,
Delrin round bar 1" x 16 ft

Delrin round bar 0.750" x 64 ft

Thanks
Chantal

Chantal Lavoie
Purchasing Coordinator

DART AEROSPACE
T 1 613 632-5200
F 1 613 632-1053
E clavoie@dartaero.com
1 800 556- 4166
www.dartaerospace.com



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Expédier à:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A 1K7
CANADA
téléphone - 1 (613) 6325200

Facturer à:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A 1K7
Canada

BORDEREAU D'EXPÉDITION

BON DE COMMANDE:

DATE: 24-JAN-2019
ENTREPÔT POLYMERSHAPES - MONTREAL QC
Dorval, QC, H9P 2W3, CA.,

COMMANDE: 93039768
BON DE COMMANDE: PO042219
TÉL. DE LA PERSONNE-RESSOURCE: 0014005000120

MODALITÉS DE PAIEMENT: CA NET 30
F.A.B.
MODALITÉS DE TRANSPORT: Collect Freight REPRESENTANT: MONTREAL HOUSE

DATE DE LA COMMANDE: 14-JAN-19
NOM POUR LIVRAISON: 51401313

N° DE CONNAISSANCEMENT 774304776292
TRANSPORTEUR DE MARCHANDISES: FEDEX COURIER (GROUND)
COMMENTAIRE SUR FRAIS DE TRANSPORT:

CATÉGORIE	NUMÉRO DE PIÈCE / DESCRIPTION DE L'ARTICLE	DATE D'EXPÉDITION	QTE COMMANDÉE	QTE EXPÉDIÉE	QTE NON EXPÉDIÉE	UDM
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1	65152104 ACT RD 0.750 BK CPIACETRON GP INSTRUCTIONS SPÉCIALES: C OF C PER ASTM D6778 POM0211 Numéros de LOT: (64 Qté)			64	0	FT
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2	65200104 ACT RD 1.000 BK CPIACETRON GP INSTRUCTIONS SPÉCIALES: C OF C ASTM D6778 POM0211 Numéros de LOT: (16 Qté)			16	0	FT
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REÇU EN BON ÉTAT

Signé:

Date:

À moins qu'il en soit convenu autrement dans un document signé par les deux parties, toute vente par Polymershapes est effectuée exclusivement aux termes des conditions de vente standard de Polymershapes, qui peuvent être obtenues sur demande et en ligne à l'adresse www.polymershapes.com. BIEN QUE LES RENSEIGNEMENTS, LES RECOMMANDATIONS OU LES CONSEILS FIGURANT AUX PRÉSENTES SOIENT DONNÉS DE BONNE FOI, POLYMERSHAPES NE DONNE AUCUNE GARANTIE, EXPRESSE OU IMPLICITE, QUANT AUX RÉSULTATS, À L'EFFICACITÉ OU À LA SÉCURITÉ DE TOUTE CONCEPTION CONTENANT DES PRODUITS, MATÉRIAUX, SERVICES, RECOMMANDATIONS OU CONSEILS DE POLYMERSHAPES. SAUF TEL QU'IL EST INDIQUÉ DANS LES CONDITIONS DE VENTE STANDARD DE POLYMERSHAPES, POLYMERSHAPES ET SES REPRESENTANTS NE SONT EN AUCUN CAS RESPONSABLES DE TOUTE PERTE DÉCOULANT DE L'UTILISATION DE SES MATÉRIAUX, PRODUITS OU SERVICES DÉCRITS AUX PRÉSENTES

Chaque utilisateur assume l'entière responsabilité de ses décisions quant au caractère convenable des produits, des matériaux, des services, des recommandations ou des conseils pour sa propre utilisation. Chaque utilisateur doit identifier et effectuer tous les tests et analyses nécessaires pour s'assurer que ses pièces finies contenant des produits, matériaux ou services achetés de Polymershapes seront sûres et pourront être utilisées dans des conditions d'utilisation finales. Aucune disposition du présent document ou de tout autre document, ni aucune recommandation ou aucun conseil verbal, ne sera réputé modifier, faire varier, remplacer ou annuler toute disposition des conditions de vente de Polymershapes ou de la présente exclusion de responsabilité, à moins que cette modification ne soit précisément acceptée dans un écrit signé par Polymershapes. Aucun énoncé figurant aux présentes relativement à l'utilisation éventuelle ou suggérée de tout matériau, produit, service ou conception n'a pour but d'accorder, ni ne doit être interprété comme accordant, une licence sur les droits de brevet ou d'autres droits de propriété intellectuelle de Polymershapes ou de l'une de ses filiales ou d'un membre de son groupe couvrant cette utilisation ou cette conception, et ne doit pas être interprété comme une recommandation relative à l'utilisation de ce matériau, produit, service ou concept en violation d'un droit de brevet ou d'un autre droit de propriété intellectuelle.

Rapport de fin de

Certificate of Conformance

1665 55th Avenue
Dorval, Quebec,
H9P 2W3

Date: January 24, 2019

Attn: RECEIVING DEPARTMENT

To: DART AEROSPACE LTD.

Address: 1270 ABERDEEN STREET
HAWKESBURY, ON.

Customer P.O. Number: PO042219

Sales Order No: 93039768

Manufacturer's Reference: 0002446660

Our Reference: MTL-108095

It is hereby certified that, to the best of Polymershapes Distribution Canada knowledge, the product information provided below conforms to the corresponding information in the possession of Polymershapes Distribution Canada with respect to such products. This certification and the sale of products are, unless otherwise agreed to in writing, subject to Polymershapes Distribution Canada standard conditions of sale. This document shall not be reproduced, except in full, without prior written approval.

Quantity	Description	Lot Number/Spec.
64 FT.	ACETRON GP BLACK ROD .750 DIA. X 96 IN	0015267400 ASTM D6778 POM 0211
16 FT.	ACETRON GP BLACK ROD 1" DIA. X 96 IN	0092432032 ASTM D6778 POM 0211

Polymershapes Canada Distribution Inc.

By:



Title:

Quality Coordinator



QUADRANT
ENGINEERING PLASTIC PRODUCTS

Quadrant EPP USA, Inc.
2120 Fairmont Avenue, P.O. Box 14235
Reading, PA 19612-4235
Phone 610-320-6600

Ship to:

Polymershapes - Dorval
1665 - 55th Avenue

Dorval, QUE H9P 2W3
Canada

Consignee: 0002000430

Sold to:

Polymershapes - Dorval
1665, 55 Avenue

Dorval, QUE H9P 2W3
Canada

Delivery address: 1A
Delivery No: 10324054

Declaration of compliance with the order according EN 10204 - 2.1

ACETRON GP ROD Black

.75 x 96 IN

STD TOLERANCE

Item No: 02100120026

Lot: 0015267400

Ship date: 01/18/19

Date of MFG: 11/18/18

Qty: 8.00 PC

Supplied against purchase order number: MTL-108095

Quadrant Order No: 0002446660

Product is known as POLYOXYMETHYLENE COPOLYMER (POM C) Acetal.

Made with resin that meets ASTM D6778 POM 0211.

(ASTM D6778 replaced ASTM D4181 which superseded LP392)

Typical product is capable of meeting the requirements of ASTM D6100 S-POM 0211 LP.

Regulatory compliance statement for FDA, NSF, 3A dairy (3A SSI) and EU directives is available upon request.

We hereby certify that the goods described above comply with the terms of the order contract and conform to our Product Specifications. The Quality Management System of the Quadrant EPP plants in Reading, PA, Scranton, PA, Wytheville, VA, Delmont, PA and Ft. Wayne, IN are certified according to ISO 9001. The ISO Certificate is available upon request.

CERTIFIED BY: Eric Weir
FUNCTION: Product Specification & Certification Engineer
E-MAIL: eric.weir@qplas.com
DATE: 01/18/19
DIGITAL SIGNATURE

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : DELRIN II 150E OR ACETRON GP ACETAL

PART NUMBER : M-DELRIN-R.D.DDD | X |  | COLOR |  | CODE

WHERE D.DDD = DIAMETER IN INCHES
 X = COLOR CODE, "W" = WHITE, OMITTED = BLACK
EG. 1" BLACK ROUND BAR = M-DELRIN-R1.000
2" WHITE ROUND BAR = M-DELRIN-R2.000W

B	UPDATE DRAWING TO CURRENT STANDARDS. ADD MATERIAL COLOR "WHITE". ADD REASON CIR-110. ADD "ACETRON GP ACETAL" AS OPTION (REV. A1).	SAD	17.10.19
A	NEW ISSUE	DS	01.11.12
REV.	DESCRIPTION	BY	DATE
DESIGN	SAD		
DRAWN	SAD		
CHECKED	RF		
MFG. APPR.	RA		
APPROVED	HS		
DE APPR.	CP		
DATE	17.10.19		

APPROVED

2018 MAR 27 
EJN 18-657

RELEASED

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
REV. B	SHEET 1 OF 1
TITLE	
M-DELRIN-R	
DELRIN ROUND BAR	
SCALE	NTS
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MDELKINR0.750
 DATE: 1901/30

PO / BATCH NO.: P0042219/5149261

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 64Ft
 QUANTITY INSPECTED: 64Ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	Acetron
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	P0042219
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 61</u> DATE: <u>1901/30</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



QUADRANT
ENGINEERING PLASTIC PRODUCTS

Quadrant EPP USA, Inc.
2120 Fairmont Avenue, P.O. Box 14235
Reading, PA 19612-4235
Phone 610-320-6600

Ship to:

Polymershapes - Dorval
1665 - 55th Avenue

Dorval, QUE H9P 2W3
Canada

Consignee: 0002000430

Sold to:

Polymershapes - Dorval
1665, 55 Avenue

Dorval, QUE H9P 2W3
Canada

Delivery address: 1A
Delivery No: 10324054

Declaration of compliance with the order according EN 10204 - 2.1

ACETRON GP ROD Black

1 x 96 IN

STD TOLERANCE

Item No: 02100120031

Lot: 0092432032

Ship date: 01/18/19

Date of MFG: 01/13/19

Qty: 2.00 PC

Supplied against purchase order number: MTL-108095

Quadrant Order No: 0002446660

Product is known as POLYOXYMETHYLENE COPOLYMER (POM C) Acetal.

Made with resin that meets ASTM D6778 POM 0211.

(ASTM D6778 replaced ASTM D4181 which superseded LP392)

Typical product is capable of meeting the requirements of ASTM D6100 S-POM 0211 LP.

Regulatory compliance statement for FDA, NSF, 3A dairy (3A SSI) and EU directives is available upon request.

We hereby certify that the goods described above comply with the terms of the order contract and conform to our Product Specifications. The Quality Management System of the Quadrant EPP plants in Reading, PA, Scranton, PA, Wytheville, VA, Delmont, PA and Ft. Wayne, IN are certified according to ISO 9001. The ISO Certificate is available upon request.

CERTIFIED BY: Eric Weir
FUNCTION: Product Specification & Certification Engineer
E-MAIL: eric.weir@qplas.com
DATE: 01/18/19
DIGITAL SIGNATURE 

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : DELRIN II 150E OR ACETRON GP ACETAL

PART NUMBER : M-DELRIN-R.D.DDD | X |  | COLOR |  | CODE

WHERE D.DDD = DIAMETER IN INCHES
 X = COLOR CODE, "W" = WHITE, OMITTED = BLACK
EG. 1" BLACK ROUND BAR = M-DELRIN-R1.000
2" WHITE ROUND BAR = M-DELRIN-R2.000W

B	UPDATE DRAWING TO CURRENT STANDARDS. ADD MATERIAL COLOR "WHITE". ADD REASON CIR-110. ADD "ACETRON GP ACETAL" AS OPTION (REV. A1).	SAD	17.10.19
A	NEW ISSUE	DS	01.11.12
REV.	DESCRIPTION	BY	DATE
DESIGN	SAD		
DRAWN	SAD		
CHECKED	RF		
MFG. APPR.	RA		
APPROVED	HS		
DE APPR.	CP		
DATE	17.10.19		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M-DELRIN-R			
REV. B			
SHEET 1 OF 1			
SCALE			
NTS			
DELIN ROUND BAR			
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RELEASED
2018 MAR 27
ENJ 18-657

APPROVED

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MDBERIN R1.000
 DATE: 19/01/30

PO / BATCH NO.: P0042214/5149262

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12ft
 QUANTITY INSPECTED: 12ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"
 THICKNESS RECEIVED: 1.000"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	<u>Acetate</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	<u>P0042214</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 61 9-89</u> DATE: <u>19/01/30</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in